

SCENARIO MAPS
AND ANALYSIS FOR:

LAND COVER MOSAICS

CARBON: LAND BASED SINKS & SOURCES

TIMBER VOLUME

TREE COMPOSITION

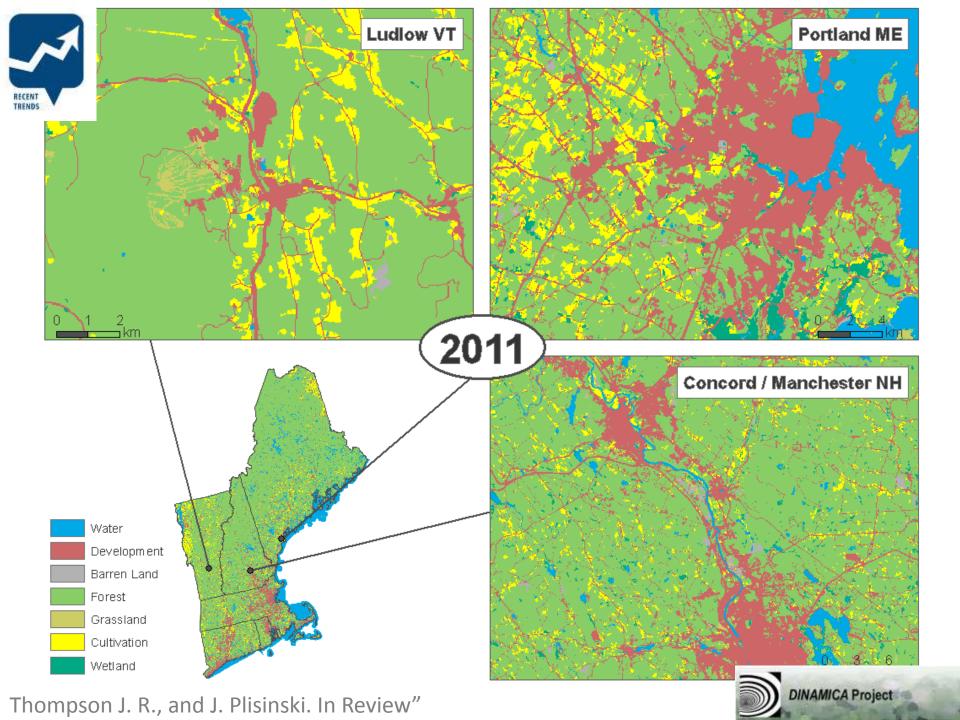
WILDLIFE HABITAT

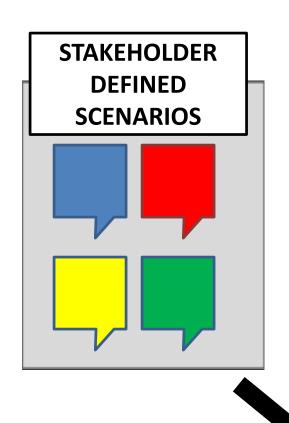
IMPERVIOUSNESS

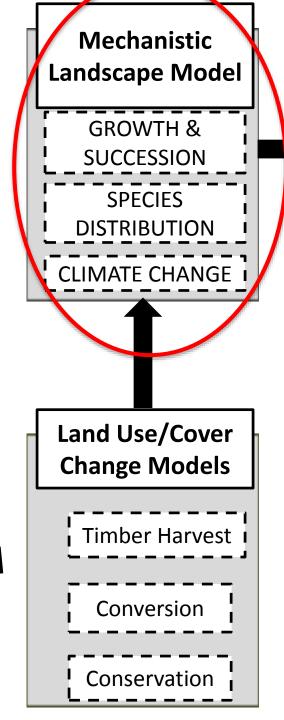
IMPORTANCE FOR WATER

ECOSYSTEM SERVICE HOTSPOTS

OPORTUNTIES FOR MUCH MORE







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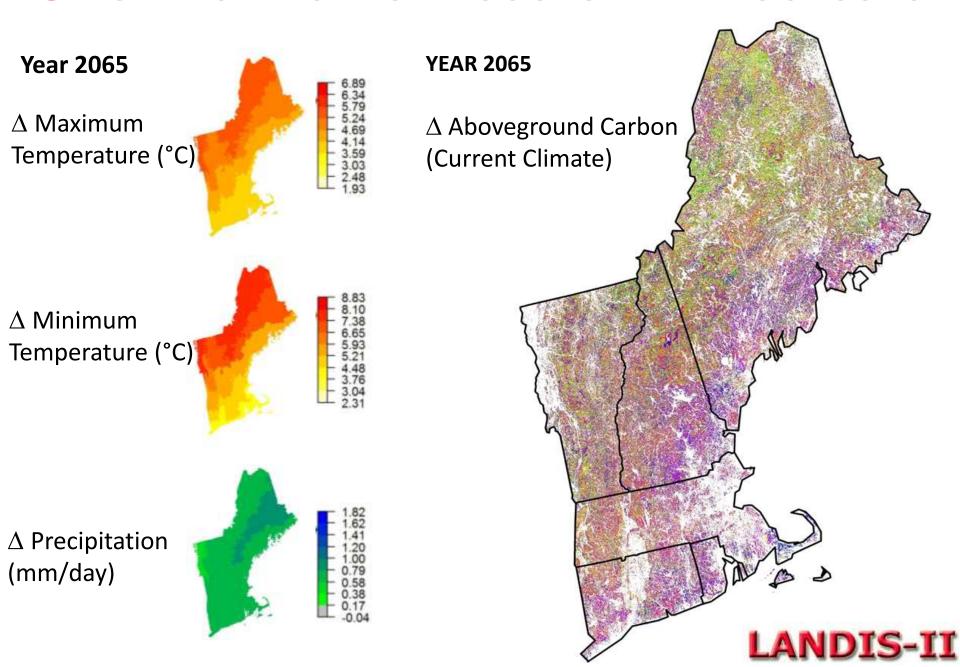
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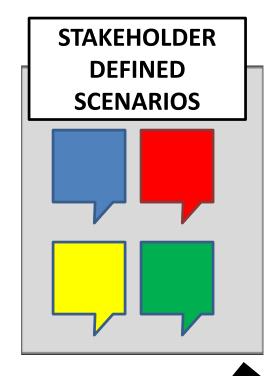
IMPORTANCE FOR WATER

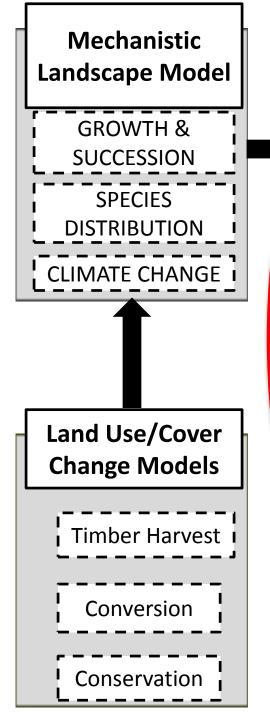
ECOSYSTEM SERVICE HOTSPOTS

OPORTUNTIES FOR MUCH MORE

SIMULATION FOREST ECOSYSTEM PROCESSES







SCENARIO MAPS AND ANALYSIS FOR: **LAND COVER MOSAICS CARBON: LAND BASED SINKS & SOURCES TIMBER VOLUME** TREE COMPOSITION WILDLIFE HABITAT **IMPERVIOUSNESS IMPORTANCE FOR** WATER **ECOSYSTEM SERVICE**

HOTSPOTS

OPORTUNTIES FOR

MUCH MORE

Massachusetts in 2010 2 Total Acreage In the State Residential Forest 90 Forest Agriculture Mixed-Use Residential Connecticut Water / Major Roads 50 miles

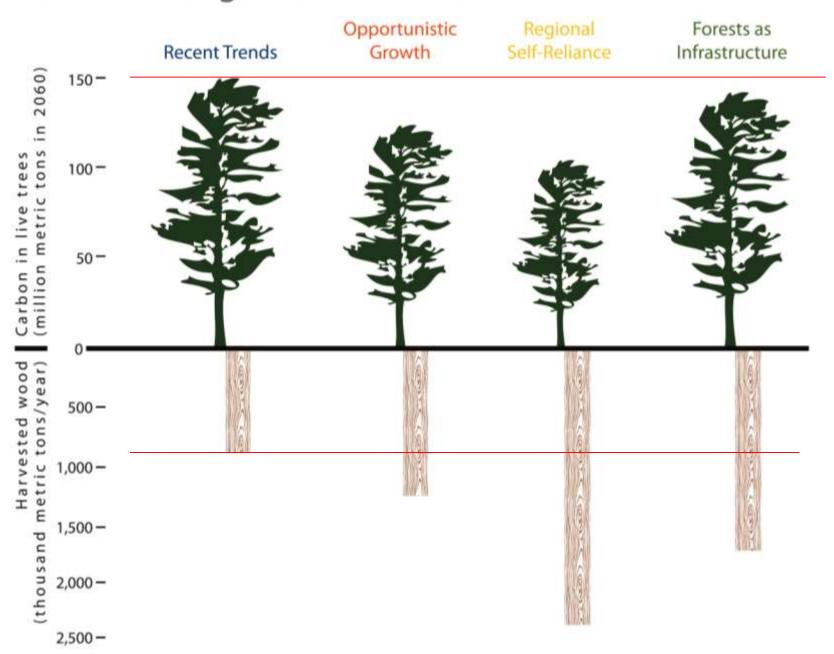
Massachusetts in 2060 RECENT TRENDS Residential Forest Conserved Forest Agriculture Mixed-Use Residential Water / Major Roads 400,000 ---50 miles

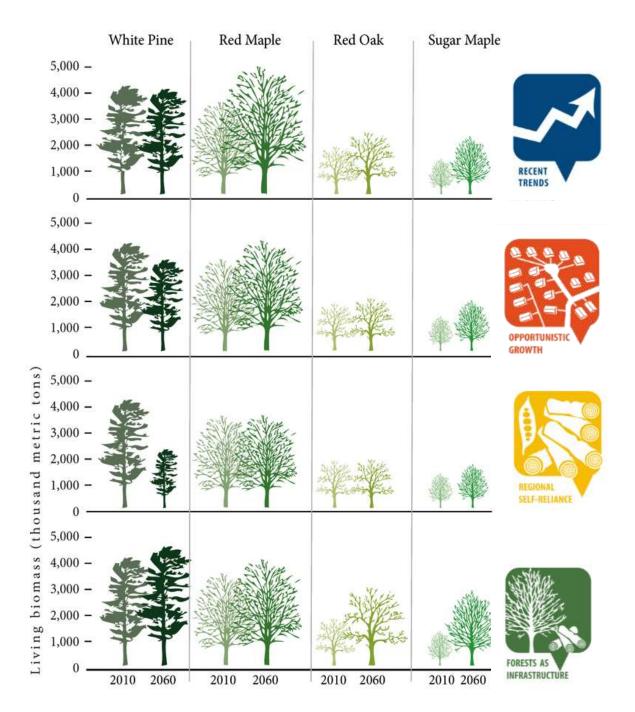
Massachusetts in 2060 GROWTH Forest Residential Conserved Forest Agriculture Mixed-Use 600,000 ---Residential Water / Major Roads 400,000 ---Acres of Change

Massachusetts in 2060 INFRASTRUCTURE Residential Forest Conserved Forest Agriculture Mixed-Use Residential Water / Major Roads 400,000 ---

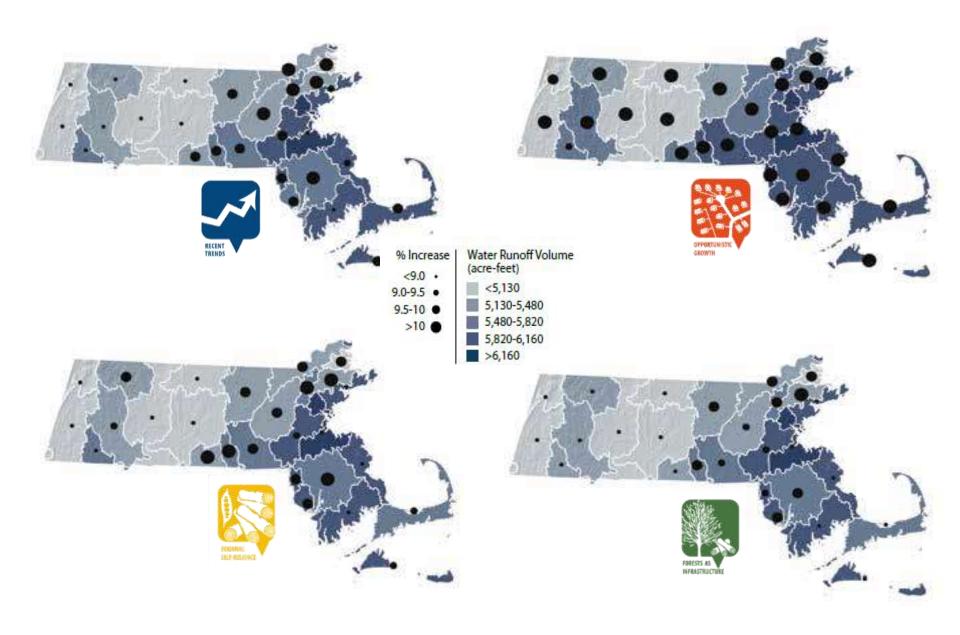
Massachusetts in 2060 SELF-RELIANCE Residential Forest Conserved Forest Agriculture Mixed-Use Residential Water / Major Roads 400,000 ---Acres of Change 30 50 miles

Carbon Storage and Wood Harvest





Annual Surface Water Runoff





Year 1: Project Scoping

Year 2: Scenariobuilding

Year 2-3: Scenario Simulation

Year 3: Scenario **Analysis**

Year 2-5: Scenario **Application**



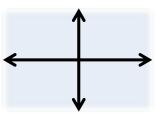




















We are here

Thank you for listening.

Please contact me with ideas and questions: jthomps@fas.harvard.edu

